1st and Final bill

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. ..... Recorded on:- 19/03/2021 57953

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work..... Work completed on:- 18/06/2021

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of the work :- Improvements to roads at 5th, 6th, 7th, 2nd main, 3rd main Kalyanamagara and Surrounding area in ward No-13 Shettyhalli Sub Division						
	Est cost (In lakhs) :- 45,00						
	A/S No :- EE/DD/AS/16/2020-21 Dt: 22/04/2020						
	T/S No :- CE/DZ/TS/34/2020-21, Dt: 06/05/2020						
	Work order No :- BBMP/EE/DD/WO/1191/2020-21, Dt:- 03/11/2020						
	Name of the Agency :- Sri: Manjunath B M						
	Contractor ಗುತ್ತಿಗೆದಾರರ ವಾರ್ಡ್ ನಂ 13, ಶೆಟ್ಟಿಹಳ್ಳಿ ವಾರ್ಡ್, ಬೆಂಗಳೂರು.						
	Job No 03-20-000132						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
①	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil including, excavated surface leveled & sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specification						
	Quantity as per E-MB = 630.00					Cum	
	@ Rate. RS – 127.00 = 80022.70						
②	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes pales rollers including filling in depression occuring during rolling Including cost of all labour, HOM of machinery complete as per specifications						
	Quantity as per E-MB = 2534.40					Sqm	
	@ Rate, RS – 6.00 = 15206.40						

M. A. R. 57 (Rule 116) No. D
Measurement Book

57354

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
③	Providing, laying, spreading and compacting crushed stone aggregates of granite Hrap I basalt to wet mix macadam specifications including pre mixing the material with water at one in mechanical mix plant carriage of mixed materials by tippers to site, laying in uniform layers with pavier – – –						
	Quantity as per E-MB = 561.00					Cum	
	@ Rate. RS – 1841.00 = 1032801.00						
④	providing and applying Primer coat with bitumen emulsion on prepared surface of granular base including						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Clearing of road surface and spraying primer at rate of 0.60 kg/Sqm using mechanical means Complete as per specifications						
	· Quantity as per E-MB					= 2534.40	SQm
	@ Rate, RS —					26.00 =	65894.40
(5)	Providing and laying dense graded bituminous macadam using crushed aggregates of Specified grading, premixed with VG30 grade bituminus binder and transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled vibratory and tandem rollers to achieve the desired						
	Quantity as per E-MB					= 127.42	CQm
	@ Rate, RS —					6070.00 =	773439.00

M. A. R. 57 (Rule 116) No. D
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
(6)	Clearing the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications, MORTH Specifications clause 501					
	· Quantity as per E-MB					= 5013.30
	@ Rate, RS —					5.00 = 25066.50
(7)	Providing and applying tack coat using 80/100 grade bitumen (VG30) on the Prepared black topped surfaces					

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	at 2.5 kg per 10 SQM, heating bitumen in boilers fitted with spray set (excluding cleaning of road surface) including cost of ~~seed~~ all materials, labour, hom of machineries complete as per specifications. MORTH						
	Quantity as per E-MB =	5013.30					
	@ Rate RS — =	12.00	=	60159.60			
(8)	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bitumenous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment rolling with smooth wheel ~~roller~~ vibratory and tandem rollers to achive the desired ~~compaction~~ as per MORTH						

M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
	Quantity as per E-MB =					202.65
	@ Rate RS — =	715.00	=	145078	3.44	
(9)	Loding and unloding of stone boulder/stone aggregates/sand/kanker/murum, KSRRB M100 ~~t~~ placing tipper at loading point, loading with front end loader dumping, turning for return trip excluding time for haulage and return trip complete as per specification MORTH - 100/chapter - 1					
	Quantity vide Item No. 1 =	630.10				
	@ Rate RS	52.00	=	32765.20		

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(10)	Cost of Haulage Excluding loading and unloading MORTH- 100/chapter 1 Case-1 : Surface Road						
	Quantity vide Item No-9					= 630.10	T.KM
	@ Rate RS —					12.10 = 7624.21	
	Sub Total ——					= 3543762.85	
	12% GST ——					= 425251.54	
	Grand Total ——					=3969014.39	

Certificate.
1. Certified that the contractor completed the work
2. Certified that there is no departmental issues
3. Certified that the contractor clear all debris at work spot.

Assistant Executive Engineer
Shettyhalli Sub -Division

10/06/2021

ವಾರ್ಡ್ ನಂ. 13, ಮಲ್ಲಸಂದ್ರ

Audited and admitted for Rs. 3969014=39
Passed by Cheque for Rs. 3484582=00
Thirty Four Lakhs Eighty Four Thousand Five Hundred Eighty Two only

M. A. R. 57 (Rule 116) No. D

Measurement Book

57957

Serial No.
Name of work 4844432=00
Name of Contractor or nature of Agency
Date of commencement of work Exe. Engineer

Map — Full description, etc. of work

Dimensions				Contents	Reference to last Measurement
Number	Length	Breadth	Depth		
3	4	5	6	7	8

PIPE LINE ROAD

3rd Main Road
2nd Main Road
Govt Main School Road
2nd Cross
Assistant Executive E
Shettyhalli Sub-Di

10/06/2021

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